PINNACLE STUDIO™ version 9 Plus

More Powerful, Creative, Easy Video Editing

Pinnacle Systems the leader in Digital Video

Studio Plus provides video enthusiasts with on-demand access to hundreds of professional-quality features including:

Chroma Key (blue screen): The chroma key or "blue screen" tool lets the user combine two video clips by super imposing the foreground of one on the background of another.

Pan & Zoom: This tool allows you to create documentary style animated slideshows in which the "camera" zooms and pans across the surface of the photo.

Picture-in-Picture (PIP): Allows the user to superimpose one video on top of another.

External Solution

PINNACLE STUDIO MovieBox Deluxe version 9

Minimum System Requirements

- Intel® Pentium® or AMD® Athlon® 1.6 GHz or higher
- 256 MB RAM (512 MB recommended)
- USB-2 port
- Windows® XP Service Pack 1 (SP1) required (Windows XP recommended. MicroMV support and dual layer DVD burning require Windows XP)
- DirectX® 9 or higher compatible graphics card (ATI Radeon™ or NVIDIA® GEForce™ 2 or higher with 128 MB recommended)
- DirectX 9 or higher compatible sound card
- 500 MB of disk space to install sofware
- CD-ROM drive

Hardware Specifications

MovieBox Deluxe Inputs:

- Composite video input (RCA connector) NTSC
- S-Video input (mini-DIN connector) NTSC
- Stereo audio input (2 x RCA connectors)
- IEEE 1394 I/O connector (6-pin type)

MovieBox Deluxe Outputs:

- Composite video output (RCA connector) NTSC
- S- Video output (mini-DIN connector) NTSC
- Stereo audio input (2 x RCA connectors)
- IEEE 1394 I/O connector (6-pin type)

MovieBox Deluxe Video Capture to Computer:

- Analog NTSC input 720x480, 30fps
- DV (IEEE 1394) capture from camcorder, 25 Mbit/sec
- Full camera/device control support
- Compression MPEG-2, MPEG-1, DV, MJPEG – User selectable (Available real-time capture formats depend on system performance)

MovieBox Deluxe Video Playback from Computer:

- Analog NTSC output 720x480, 30fps
- DV (IEEE 1394) output to camcorder 25 Mbit/sec
- Full camera/device control support

Internal Solution

PINNACLE STUDIO AV/DV Deluxe version 9

Minimum System Requirements

- Intel Pentium or AMD Athlon 800 MHz or higher (1.5 GHz or higher recommended)
- 256 MB RAM (512 MB recommended)
- 1 free PCI slot
- Windows 98SE, Me, 2000, XP (Windows XP recommended. MicroMV support requires Windows XP)
- DirectX 9 or higher compatible graphics card (ATI Radeon or NVIDIA GEForce 2 or higher with 128 MB recommended)
- DirectX 9 or higher compatible sound card
- 500 MB of disk space to install software

Hardware Specifications

- Plug-and-Play 32-bit PCI board with bus mastering interface
- External break-out box

Video Inputs:

- 1 x composite video (RCA connector)
- 1 x S-Video (Y/C, mini DIN connector)
- 2 x IEEE 1394 FireWire/DV (6-pin type)

Video Outputs:

- 1 x composite video (RCA connector)
- 1 x S-Video (Y/C, mini DIN connector)
- 2 x IEEE 1394 FireWire/DV (6-pin type)

Audio Inputs/Outputs:

- Input: Stereo, 2 x RCA connector
- Output: Stereo, 2 x RCA (cinch) jack
- Full camera/device control support

Video Capture and Ouput:

- Video format: NTSC
- Frame rate: 30fps/60 fields per second
- Frame size: 720 x 480
- Compression: DV, MJPEG, MPEG – User selectable (Available real-time capture formats depend on system performance)

PINNACLE SYSTEMS
www.pinnaclesys.com

PINNACLE STUDIO
version 9

Easy, Powerful, Creative Video Editing

Pinnacle Studio is the most powerful, easy-to-use software video editor in its class. Capture home movies to your computer, edit them, add titles, music, narration and special effects and then output your edited masterpiece to videotape, DVD or the Internet.

External Solutions

PINNACLE STUDIO MovieBox USB
version 9

Minimum System Requirements
- Intel Pentium or AMD Athlon 800 MHz or higher (1.5 GHz or Higher recommended)
- 256 MB RAM (512 MB recommended)
- 1 free Hi-Speed USB-2 or USB-1 port
- Windows 98SE, Me, 2000, XP (Windows XP recommended. MicroMV support requires Windows XP)
- DirectX 9 or higher compatible graphics card (ATI Radeon or NVIDIA GeForce 2 or higher recommended)
- DirectX 9 or higher compatible sound card
- 500 MB of disk space to install software
- CD-ROM drive

Hardware Specifications
- External Hi-Speed USB-2 (compatible with USB-1) video capture device

MovieBox USB Inputs:
- Composite video input (RCA connector)
- S-Video input (mini-DIN connector)
- Stereo audio input (2 x RCA connectors)

MovieBox USB Outputs:
- Composite video output (RCA connector)
- S-Video output (mini-DIN connector)
- Stereo audio output (2 x RCA connectors)

MovieBox USB Video Capture Formats:
- MPEG-2 (720x480, NTSC 30fps)
- MPEG-2 data rate = 1-12 Mbit/sec for USB-2 (1-6 Mbit/sec for USB-1)
- MPEG-1 352x288 (NTSC, 30fps)
- MPEG-1 data rate = 1.15 - 3 Mbit/sec

MovieBox USB Audio Capture Format:
- MPEG Layer 2 audio

PINNACLE STUDIO MovieBox DV
version 9

Minimum System Requirements
- Intel Pentium or AMD Athlon 800 MHz or higher (1.5 GHz or Higher recommended)
- 256 MB RAM (512 MB recommended)
- IEEE 1394/FireWireÆ port
- Windows 98SE, Me, 2000, XP (Windows XP recommended.MicroMV support requires Windows XP)
- DirectX 9 or higher compatible graphics card (ATI Radeon or NVIDIA GeForce 2 or higher recommended)
- DirectX 9 or higher compatible sound card
- 500 MB of disk space to install software
- CD-ROM drive

Hardware Specifications
- External analog to FireWire/IEEE 1394 video capture device

MovieBox DV Inputs:
- Composite video input (RCA connector) NTSC
- S-Video input (mini-DIN connector) NTSC 25Mbit/s when captured
- Stereo audio input (2 x RCA connectors)
- 2 x IEEE 1394 I/O connectors (2 x 6-pin type)

MovieBox DV Outputs:
- Composite video output (RCA connector) NTSC
- S-Video output (mini-DIN connector) NTSC

MovieBox DV Video Playback from Computer:
- Analog NTSC output 720x480, 30fps
- DV (IEEE1394) output to camcorder 25Mbit/s. Full camera/device control support
- Stereo audio output (2 x RCA connectors)

MovieBox USB Video Capture to Computer:
- Analog NTSC input 720x480, 30fps. Converted to DV 25Mbit/s when captured
- DV (IEEE1394) camcorder capture 25Mbit/s. Full camera/device control support
- Compression: DV, MPEG, MJPEG – User selectable (Available real-time capture formats depend on system performance)

MovieBox DV Video Standalone Format Conversion:
- Analog NTSC input 720x480, 30fps. Converted to DV 25Mbit/s
- DV (IEEE1394) output to camcorder 25Mbit/s. Converted to Analog NTSC output 720x480, 30fps

Internal Solution

PINNACLE STUDIO AV/DV
version 9

Minimum System Requirements
- Intel Pentium or AMD Athlon 800 MHz or higher (1.5 GHz or Higher recommended)
- 256 MB RAM (512 MB recommended)
- 1 free PCI slot
- Windows 98SE, Me, 2000, XP (Windows XP recommended. MicroMV support requires Windows XP)
- DirectX 9 or higher compatible graphics card (ATI Radeon or NVIDIA GeForce 2 or higher recommended)
- DirectX 9 or higher compatible sound card
- 500 MB of disk space to install software
- CD-ROM drive

Hardware Specifications
- Plug-and-Play 32-bit PCI board with bus mastering interface

Video Inputs:
- 1 x composite video (RCA connector)
- 1 x S-Video (Y/C, mini DIN connector)
- 1 x IEEE 1394 FireWire/DV (6-pin type)

Video Outputs:
- 1 x composite video (RCA connector)
- 1 x S-Video (Y/C, mini DIN connector)
- 1 x IEEE 1394 FireWire/DV (6-pin type)

Audio Inputs/Outputs:
- Input: via DV/Firewire or PC Sound card
- Output: via DV/Firewire or PC Sound card

Video Capture and Output:
- Video format: NTSC
- Frame rate: 30fps/60 fields per second
- Frame size: 720 x 480
- Compression: DV, MJPEG, MPEG – User selectable (Available real-time capture formats depend on system performance)

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